

Recombinant Mouse Ndufv3 Protein, Myc/DDK-tagged

Cat. No. Ndufv3-4350M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase core subunit V3 (Ndufv3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. May be the terminally assembled subunit of Complex I.
Molecular Mass	50.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Ndufv3 NADH:ubiquinone oxidoreductase core subunit V3 [Mus musculus (house mouse)]
Official Symbol	Ndufv3
Synonyms	Ndufv3; NADH:ubiquinone oxidoreductase core subunit V3; 1500032D16Rik; NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial; CI-9kD; NADH dehydrogenase (ubiquinone) flavoprotein 3; NADH-ubiquinone oxidoreductase 9 kDa subunit; NADH-ubiquinone oxidoreductase flavoprotein 3; complex I-9kD; EC 7.1.1.2
Gene ID	78330
mRNA Refseq	NM_030087
Protein Refseq	NP_084363
UniProt ID	Q3U422

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